



PTO/SB/08B (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 3

Complete if Known

Application Number	10/645,987
Filing Date	August 22, 2003
First Named Inventor	Tirthankar Lahiri
Art Unit	2189
Examiner Name	Reba I. Elmore
Attorney Docket Number	OI7030762001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
RIE	1	ACHARYA, A. et al., "Tuning the Performance of I/O-Intensive Parallel Applications", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 15 - 27, USA.	
RIE	2	BAGRODIA, R. et al., "Parallel Simulation of Parallel File Systems and I/O Programs", <i>Proceedings of the 1997 ACM/IEEE Conference on Supercomputing (CDROM)</i> , ACM Press, 1997, pp. 1 - 16.	
RIE	3	BORDAWEKAR, R. et al., "A Model and Compilation Strategy for Out-of-Core Data Parallel Programs", <i>ACM SIGPLAN Notices, Proceedings of the 5th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming PPOPP</i> , 1995, Volume 30, Issue 8, pp. 1 - 10.	
RIE	4	BORDAWEKAR, R. et al., "Automatic Optimization of Communication in Compiling Out-of-core Stencil Codes", <i>Proceedings of the 10th International Conference on Supercomputing</i> , ACM Press, 1996, pp. 366 - 373, USA.	
RIE	5	BORDAWEKAR, R. et al., "Communication Strategies for Out-of-Core Programs on Distributed Memory Machines", <i>Proceedings of the 9th International Conference on Supercomputing</i> , ACM Press, 1995, pp. 395 - 403, Spain.	
RIE	6	BORDAWEKAR, R. et al., "Design and Evaluation of Primitives for Parallel I/O", <i>Proceedings of the 1993 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1993, pp. 452 - 461.	
RIE	7	BORDAWEKAR, R., "Implementation of Collective I/O in the Intel Paragon Parallel File System: Initial Experiences", <i>Proceedings of the 11th International Conference on Supercomputing</i> , ACM Press, 1997, pp. 20 - 27, Austria.	
RIE	8	CHEN, Y. et al., "Optimizing Collective I/O Performance on Parallel Computers: A Multisystem Study", <i>Proceedings of the 11th International Conference on Supercomputing, ACM Press and IEEE Computer Society</i> , 1997, pp. 28 - 35, Austria.	
RIE	9	CHEN, Y., et al., "Automatic Parallel I/O Performance Optimization in Panda", <i>Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , ACM, 1998, pp. 108 - 118, Mexico.	
RIE	10	CORBETT, P., et al., "The Vesta Parallel File System", <i>ACM Transactions on Computer Systems</i> , ACM Press, Vol. 14, no. 3, pp. 225 - 264.	
RIE	11	CORTES, T., et al., "Design Issues of a Cooperative Cache with No Coherence Problems", <i>Proceedings of the 5th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1997, pp. 37 - 46.	
RIE	12	DEL ROSARIO, J. et al., "Improved Parallel I/O via a Two-phase Run-Time Access Strategy", <i>ACM SIGARCH Computer Architecture News</i> , 1993, Vol. 21 No. 5, pp. 31 - 38.	
RIE	13	DICKENS, P., "An Evaluation of Java's I/O Capabilities for High-Performance Computing", <i>Proceedings of the ACM 2000 Conference on Java Grande</i> , ACM, 2000, pp. 26 - 35, USA.	
RIE	14	FERREIRA, R. et al., "Compiling Object-Oriented Data Intensive Applications", <i>Proceedings of the 14th International Conference on Supercomputing</i> , ACM Press, 2000, pp. 11 - 21, USA.	
RIE	15	GIBSON et al., "Strategic Directions in Storage I/O Issue in Large-Scale Computing", <i>ACM Computing Surveys (CSUR)</i> , ACM Press, 1996, Vol. 28 No. 4, pp. 779 - 793.	
RIE	16	GROSS, T. et al., "Architecture Implications of High-Speed I/O for Distributed-Memory Computers", <i>Proceedings of the 8th International Conference on Supercomputing</i> , ACM Press, 1994, pp. 176 - 185, U.K.	
RIE	17	HARRY, M. et al., "The Design of VIP-FS: A Virtual, Parallel File System for High Performance Parallel and Distributed Computing", <i>ACM SIGOPS Operating Systems Review</i> , ACM Press, 1995, Vol. 29 No. 3, pp. 35 - 48.	

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RIE	1	KOTZ, D. et al., "Dynamic File-Access Characteristics of a Production Parallel Scientific Workload", <i>Proceedings of the 1994 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1994, pp. 640 - 649.	
RIE	2	KOTZ, D. et al., "Flexibility and Performance of Parallel File Systems", <i>SIGOPS Operating Systems Review</i> , ACM Press, 1994, Volume 30 Issue 2, pp 63 - 73.	
RIE	3	KOTZ, D., "Disk-Directed I/O for MIMD Multiprocessors", <i>ACM Transactions on Computer Systems(TOCS)</i> , ACM Press, Vol.15, No. 1, February 1997, pp. 41 - 74, USA.	
RIE	4	KRIEGER, O. et al., "A Performance-Oriented Flexible File System based on Building-Block Compositions", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 95 - 108, USA.	
RIE	5	KRIEGER, O. et al., "HFS: A Performance-Oriented Flexible File System Based on Building-Block Compositions", <i>ACM Transactions on Computer Systems (TOCS)</i> , ACM Press, Vol. 15 No. 3, ACM, 1997, pp. 286-321.	
RIE	6	KURC, T. et al., "Querying Very Large Multi-Dimensional Datasets in ADR", <i>Proceedings of the 1999 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1999, pp. 1 - 15, USA.	
RIE	7	LEE, J. et al., "Active Buffering Plus Compressed Migration: An Integrated Solution to Parallel Simulations' Data Transport Needs", <i>Proceedings of the 16th International Conference on Supercomputing</i> , ACM Press, 2002, pp. 156 - 166, New York, New York, USA.	
RIE	8	MACHE, J. et al., "The Impact of Spatial Layout of Jobs of Parallel I/O Performance", <i>Proceedings of the 6th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 45 - 56, USA.	
RIE	9	MADHYASTHA, T. et al., "Informed Prefetching of Collective Input/Output Requests", <i>Proceedings of the 1999 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1999, pp. 1 - 16, USA.	
RIE	10	MOORE, J.A. et al., "Efficient Data-Parallel Files via Automatic Mode Detection", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 1 - 14, USA.	
RIE	11	NIEUWEJAAR, N. et al., "Performance of the Galley Parallel File System", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems: Part of the Federated Computing Research Conference</i> , ACM Press, 1996, pp. 83 - 94, USA.	
RIE	12	NO, J. et al., "Integrating Parallel File I/O and Database Support for High-Performance Scientific Data Management", <i>Proceedings of the 2000 ACM/IEEE Conference on Supercomputing (CDROM)</i> , IEEE Computer Society, pp. 1 - 13, USA.	
RIE	13	PARK, Y. et al., "Virtual Memory Versus File Interfaces for Large, Memory-Intensive Scientific Applications", <i>Proceedings of the 1996 ACM/IEEE Conference on Supercomputing (CDROM)- Volume 00 Supercomputing '96</i> , ACM Press, IEEE Computer Society, 1996, pp. 1 - 20.	
RIE	14	PURAKAYASTHA, A. et al., "ENWRICH: A Compute-Processor Write Caching Scheme for Parallel File Systems", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 55 - 68.	
RIE	15	SHEN, X. et al., "A Novel Application Development Environment for Large-Scale Scientific Computations", <i>Proceedings of the 14th International Conference on Supercomputing</i> , ACM Press, 2000, pp. 274 - 283, USA.	
RIE	16	SHUF, Y. et al., "Characterizing the Memory Behavior of JAVA Workloads: A Structured View and Opportunities for Optimization", <i>Proceedings of the 2001 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems SIGMETRICS '01</i> , ACM Press, 2001, Vol. 29 No. 1, pp. 194 - 205.	

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RIE	1	STEENKISTE, P. et al., "Architecture and Evaluation of a High-Speed Networking Subsystem for Distribution-Memory Systems"; ACM SIGARCH Computer Architecture News, <i>Proceedings of the 21st Annual International Symposium on Computer Architecture ISCA '94</i> , IEEE Computer Society Press, ACM Press, 1994, Vol. 22 No. 2, pp 154 - 163.	
RIE	2	STURTEVANT, J. et al., "PDS/PIO: Lightweight Libraries for Collective Parallel I/O", <i>Proceedings of the 1998 ACM/IEEE Conference on Supercomputing (CDROM)</i> , IEEE Computer Society, 1998, pp. 1 - 13.	
RIE	3	THAKUR, R. et al., "A Case for Using MPI's Derived Datatypes to Improve I/O Performance", <i>Proceedings of the 1998 ACM/IEEE Conference on Supercomputing(CDROM)</i> , IEEE Computer Society, 1998, pp. 1 - 14.	
RIE	4	THAKUR, R. et al., "Compilation of Out-of-Core Data Parallel Programs for Distributed Memory Machines", <i>ACM SIGARCH Computer Architecture News</i> , ACM Press, Vol. 22 Issue 4, 1994, pp. 23 - 28.	
RIE	5	THAKUR, R. et al., "On Implementing MPI-IO Portably and with High Performance", <i>Proceedings of the 6th Workshop of I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 23 - 32, USA.	
RIE	6	THAKUR, R., et al., "Compiler and Runtime Support for Out-of-Core HPF Programs", <i>Proceedings of the 8th International Conference on Supercomputing</i> , 1994, ACM Press, pp. 382 - 391.	
RIE	7	VITTER, J., "External Memory Algorithms and Data Structures: Dealing with Massive Data; <i>ACM Computing Surveys (CSUR)</i> , Vol. 33 No. 2, pp. 209 - 271, 2001.	
RIE	8	WANG, Y. et al., "Profile-Guided I/O Partitioning", <i>Proceedings of the 17th Annual International Conference on Supercomputing</i> , ACM, 2003, pp. 252 - 260, USA.	
RIE	9	WU, J. et al., "Placement of I/O Servers to Improve Parallel I/O Performances on Switch-Based Clusters", <i>Proceedings of the 17th Annual International Conference on Supercomputing</i> , ACM Press, 2003, pp. 244 - 251, USA.	
RIE	10	ZHOU, Y. et al., "Thread Scheduling for Out-of-Core Applications With Memory Server on Multicomputers", <i>Proceedings of the 6th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 57 - 67, USA.	
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